



Disability Access Report

Project: Taree Police Station
Address: Albert Street, Taree
Stage: Development Application

Ref: J000248
Date: 14 May 2018


For: Group GSA Pty Ltd

COMPANY INFORMATION

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1. Executive Summary

The report is for the access review of the new Taree Police Station (Class 5 Office building), to assess for consistency with the following disability design criteria contained within:

- A. Part D3, E3.6 and F2.4 of the Building Code of Australia (BCA) (2018)
- B. Relevant Australian Standards listed in the BCA (2018) and AS4299, as follows:
 - ❑ AS1428.1 Design for Access and Mobility: General requirements for Access – New Building Work (2009)
 - ❑ AS1428.4.1 Design for Access and Mobility: Means to assist the orientation of people with vision impairment – Tactile ground surface indicators (2009)
 - ❑ AS1735.12 Lifts, escalators and moving walks – Facilities for persons with disabilities, Amendment 1 (1999).
 - ❑ AS2890 (Part 6) (2009) – Parking Facilities – Off-street parking for people with disabilities
 - ❑ AS4586 (2013) Slip resistance classification of new pedestrian surface materials

A summary of all the clauses foreseen as relevant from the BCA (2018) is included within Section 5 of this report. The content of this report is based on architectural drawings provided by Group GSA (please refer to Appendix A).

Section of Report	Design Criteria
5.1	BCA Part D3 – Access For People with Disabilities

Compliance with BCA Part D3

The proposed development, will satisfy the prescriptive deemed to satisfy provisions of Part D3, E3.6 and F2.4 of the BCA (2018), as follows:

1. Accessible pathways from Albert Street on the ground level to the principal public entry.
2. New accessible car parking space.
3. Access to and within all areas normally used by occupants with the exception of the custodial areas *NB. There is assisted access, where prisoners are escorted by police officers at all times.*
4. There is lift access and stairs between ground and level 1.
5. Public accessible toilet on Ground level
6. Male and Female toilets with ambulant cubicles on the ground level and level 1, with an adjacent accessible unisex toilet / shower.

Further Review at Construction Certificate Stage

Areas below, which require checking prior to the issue of a Construction Certificate, have been identified within the 'comments' column of Section 5 Accessibility Assessment table.

Item	Recommended Action
1	External accessible pathways to comply with Clause 7 AS1428.1 (2009) with respect to slip resistance (AS/NZ4586) and construction tolerances between abutment of surfaces, in particular to the communal open space.
2	Detail all external ramps to comply with AS1428.1 with regards to handrails on both sides with extensions and tactile ground surface indicators, if required.
3	All common public stairs to comply with AS1428.1 Cl 11 Stairs (2009) with regards to handrails on both sides, tactile indicators and contrast stair nosing.
4	Fire stairs to be installed with a contrast strip to edge on stair nosings 50-75mm deep (30% contrast) to comply with AS1428.1 (f) and (g) with a handrail on at least one side of the stairs to comply with AS1428.1 (2009)
5	Provide door schedule which shows compliance with AS1428.1 (2009) with respect to clear openings, circulation space and luminance contrast on doorways, door force is 20N where a door closer is fitted.
6	Visual indicators on glazing to be 50 - 75mm wide on all glazed windows and doors with a luminance contrast of 30% from when viewed against the floor surface at a height 900-1000mm.
7	The lift requires accessible features to be in accordance with E3.6b BCA (2018).
8	Determine whether hearing augmentation is required for the ground level enquiry counter, legal aid, and level 1 'Briefing/ training/ conference/ critical incident room'. Confirm if there is an inbuilt amplification system.
9	Fixtures and fitting schedule, elevations and plan layout of all accessible toilets / showers to comply with AS1428.1 (2009)
10	Fixtures and fitting schedule, elevations and plan layout of ambulant cubicles to comply with AS1428.1 (2009)

2. Methodology

The content of this report is based on:

1. Progressive Assessment of DA architectural drawings provided by Group GSA (please refer to Appendix A).

2. Subsequent phone calls/ emails and review of revised plans

3. Disability Discrimination Act 1992 (DDA)

The Federal Disability Discrimination Act 1992 (DDA) provides protection for everyone in Australia against discrimination based on disability. Section 32 of the DDA focuses on the provision of equitable and dignified access to services and facilities for people with mobility, sensory and cognitive disabilities.

Disability discrimination happens when people with a disability and their relatives, friends, carers, co-workers or associates are treated less fairly than people without a disability. Compliance with Access to Premises Standards give certainty to building certifiers, building developers and building managers that, if access to (new parts) of buildings is provided in accordance with these Standards, the provision of that access, to the extent covered by these Standards, will not be unlawful under the DDA. This however applies only to the new building or new parts of an existing building and its affected part. All areas outside the scope of these areas are still subject to the DDA. We cannot guarantee or certify for DDA compliance because DDA compliance can only be assessed by the Courts. Scope of DDA extends beyond the building fabric and also includes furniture and fittings.

From 1 May 2011, the Commonwealth's Disability (Access to Premises - Buildings) Standards made under the Disability Discrimination Act 1992 (DDA) applies to all new building work. The Premises Standards, established requirements for access to buildings, that are incorporated into the BCA (2018).

The Premises Standards contain an Access Code of construction that is mirrored in the disability access provisions of the BCA (2018). New building work must comply with the Access Code in the same manner as complying with the BCA (2018) by meeting deemed-to-satisfy provisions or by adopting a performance solution that achieves the relevant performance requirements.

This means if access is provided in accordance with the Premises Standards then it is not unlawful under the DDA. It also ensures that Object 1.3 (a) of the Premises Standards is met which is to:

'Ensure that dignified, equitable, cost-effective and reasonably achievable access to buildings and facilities and services within buildings is provided for people with a disability.'

4. Building Description

The new police station is situated next to the existing court house.

Building Use: Class 5

Level	Use	Accessibility Features
Ground External	Carparking	Police Vehicle parking for 31 spaces, includes 1 accessible car space.
	Main entry	Staff Entry. Main entry to the Police Station from Albert Street, accessible 1:14 ramp with adjacent stairs lead up to entry landing (RL16.320).
	Outdoor	Outdoor BBQ & Landscaping
Ground	Public Foyer	Waiting area, Accessible toilet, two (2) Interview rooms Enquiry Area
	Duty Room	Open plan area, supervisors office / equipment room, ACLO, Meeting rooms, tea prep area
	Common amenities	Accessible toilet, Parenting Room, wet cape hanging area, Male and female toilets/ change rooms, Unisex accessible shower and toilet
	Gun Store	Storeroom and gun load room
	Exhibits	Office, storage area
	Forensics	Storage, three (3) examination rooms, Drying room, Drug Sub
	Custodial Areas	NB. Assisted access. Prisoners are escorted by police officer at all times. Legal Aid, ERISP Room, BAS Room, DNA Room, Custody Manager, Staff WC, Tea Prep Area Corrective Services Detainee four (4) cells and 1 toilets Secure Corridor to 4 large cells and detainee shower Van Dock Link through access to existing court house.
Level 1	Operational Staff Areas	Detectives, Task force room, associated rooms Store rooms Briefing/ training/ conference/ critical incident room Terrace Open Office 2 Duty officers, local area manager, local area commander, crime manager
	Common amenities	Meal room Male and female toilets/ change rooms, Unisex accessible shower and toilet Fitness room, Fitness store

		Plant room (exempt from disability access)
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5. Disability Access Assessment

5.1. BCA Part D3 – Access For People with Disabilities

The following is a clause-by-clause assessment of the architectural drawings against BCA Part D3 – Access For People with a Disability. For more detail on each requirement, please refer to *Appendix B: BCA Part D3 – Access For People with a Disability*.

Deemed to Satisfy Provision	Complies	Comments
D3.1 General building access requirements Class 5	✓	<p>The drawings demonstrate access will be provided to the max. extent possible to all areas on all levels of the development.</p> <p>Circulation spaces and passing spaces have been provided at end of corridors and common doorways to comply with AS1428.1 (2009).</p> <p>General Public Access will be provided to all publicly accessible areas on the ground floor.</p> <p>Staff areas Operational staff areas on the ground level and level 1 are accessible to and within.</p> <p><u>Recommended Action</u> At Construction Certificate Stage:</p> <ol style="list-style-type: none"> 1. Ensure external and internal pathways comply with AS1428.1 (2009). 2. Provide door schedule which shows compliance with AS1428.1 (2009) with respect to clear openings, circulation space and luminance contrast on doorways, door force is 20N where a door closer is fitted. 3. Provide slip resistance certification for common stairs and ramp, to show testing under wet surface conditions in accordance with AS4586 – 2013.
D3.2 Access to buildings	✓	There is an accessible 1:14 gradient ramp with

		<p>adjacent stair access from the allotment boundary on Albert Street to the principal public entry.</p> <p>The gradient of all the accessible pathways from the allotment boundary and connections to each area of building, have the capacity to comply with AS1428.1 (2009).</p> <p><u>Recommended Action</u></p> <ol style="list-style-type: none"> 1. Ensure external pathways comply with AS1428.1 (2009). 2. At Construction Certificate provide slip resistance certification for external and internal areas. To show testing under wet surface conditions as a pendulum classification (AS4586 – 2013) 3. At construction certificate stage, ensure door schedule shows compliance with AS1428.1 (2009) with respect to clear openings, circulation space and luminance contrast on doorways. 4. Ensure the door threshold of principal entrance doors are level.
D3.3 Parts of building to be accessible	✓	<p>Accessible Ramp</p> <p>There is one accessible ramp from the street entry to the public entry.</p> <p><u>Recommended Action</u></p> <p>Ensure Construction Certificate drawing detail 1:14 gradients ramps to comply with AS1428.1 with regards to handrails on both sides with extensions and tactile ground surface indicators.</p> <p>Provide slip resistance certification for ramps, to show testing under wet surface conditions in accordance with AS4586 – 2013.</p> <p>Stairs</p> <p>There are stairs located from the street entry and internal stairs which link ground level to level 1.</p> <p><u>Recommended Action</u></p> <p>All public stairs to comply with AS1428.1 CI 11 Stairs (2009) with regards to handrails on both sides and</p>

		<p>tactile indicators on top and bottom landing of steps.</p> <p>All stairs require contrast strips to edge on stair nosings 50 - 75mm deep (30% contrast) to comply with AS1428.1 (f) and (g).</p> <p>Fire Isolated Stairways</p> <p><u>Recommended Action</u></p> <p>Construction certificate drawings to indicate that fire stairs will be installed with a contrast strip to edge on stair nosings 50-75mm deep (30% contrast) to comply with AS1428.1 (f) and (g) with a handrail on at least one side of the stairs to comply with AS1428.1 (2009)</p> <p>Lifts</p> <p>The overall development contains 1 lift, which links all levels.</p> <p><u>Recommended Action</u></p> <p>Further assessment at Construction Certificate stage is required to ensure compliance with accessible features of AS1735.12 as required by Table E3.6b BCA.</p> <p>Turning spaces</p> <p>At the end of corridors there are turning spaces of at least 1540mm x 2070mm to comply with AS1428.1 (2009).</p>
D3.4 Exemptions	✓	To be confirmed
D3.5 Car parking spaces for people with a disability	✓	<p>There is staff accessible car parking space. However there is an existing accessible car parking space on Albert Street for the public.</p> <p><u>Recommended Action</u></p> <p>Further compliance to be assessed at construction certificate stage to ensure car space complies with Fig. 2.2 AS2890.6 (2009).</p>
D3.6 Signage	N/A	At this stage of the design signage has not yet been developed.

		<p><u>Recommended Action</u></p> <p>Further assessment at Construction Certificate stage is required.</p> <ol style="list-style-type: none"> 1. Ensure Braille and tactile signage for required exit doors stating 'Exit' and 'Level' followed by floor number. 2. Accessible toilet signage 3. Ambulant cubicle signage
D3.7 Hearing augmentation	N/A	<p>To be determined at CC stage, whether hearing augmentation is required for the ground level enquiry counter, legal aid and level 1 'Briefing/ training/ conference/ critical incident room'.</p> <p><u>Recommended Action</u></p> <p>At CC stage confirm if there is an inbuilt amplification system.</p>
D3.8 Tactile indicators	✓	<p>The DA drawings have indicated where Tactile indicators will be located on ramps and stairs.</p> <p><u>Recommended Action</u></p> <p>Tactile indicators to be installed on the top and bottom of non-fire isolated stairs and ramps to comply with AS1428.4.1.</p>
D3.12 Glazing on an accessway	N/A	<p><u>Recommended Action</u></p> <p>For CC stage, show on any glazed doors, a solid contrast line 75mm width at 900 - 1000mm and 30% luminance contrast when viewed against the floor surface or surfaces within 2m of the glazing on the opposite side</p>
E3.6 Passenger lifts	✓	<p>Lift</p> <p>There is one passenger lift proposed, which provides access to all levels of the development.</p> <p><u>Recommended Action</u></p> <p>The lifts require accessible features to be in accordance with E3.6b BCA (2018). To be assessed at Construction Certificate.</p>

F2.4 Accessible sanitary facilities	✓	<p>Public Accessible Toilet</p> <p>Within the public foyer is an accessible toilet with sufficient circulation space of 1900mm by 2300mm around the toilet pan and fixtures and fittings to comply with Fig 43, AS1428.1 (2009).</p> <p>Staff Accessible Toilet</p> <p>There is a staff accessible toilet near the tea prep area for the duty room and highway patrol on the ground floor.</p> <p>Staff Accessible Shower and Toilet</p> <p>On the ground level and level 1 there are Male and Female banks of toilets and change rooms. There is an accessible shower/ toilet adjacent to the change rooms.</p> <p>Ambulant Staff cubicles</p> <p>Within each bank of female and male toilets on the ground level and level 1, there is a cubicle suitable for people with ambulatory disabilities.</p> <p><u>Recommended Action</u></p> <p>At Construction certificate stage check documentation details for fixtures and fittings within the accessible toilets/ shower and ambulant cubicles to comply with AS1428.1 (2009).</p>
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6. Conclusion

We note some further assessment at Construction Certificate stage is required to ensure compliance with Part D3 BCA (2018), as highlighted in the table below.

Item	Recommended Action
1	External accessible pathways to comply with Clause 7 AS1428.1 (2009) with respect to slip resistance (AS/NZ4586) and construction tolerances between abutment of surfaces, in particular to the communal open space.
2	Detail all external ramps to comply with AS1428.1 with regards to handrails on both sides with extensions and tactile ground surface indicators, if required.
3	All common public stairs to comply with AS1428.1 Cl 11 Stairs (2009) with regards to handrails on both sides, tactile indicators and contrast stair nosing.
4	Fire stairs to be installed with a contrast strip to edge on stair nosings 50-75mm deep (30% contrast) to comply with AS1428.1 (f) and (g) with a handrail on at least one side of the stairs to comply with AS1428.1 (2009)
5	Provide door schedule which shows compliance with AS1428.1 (2009) with respect to clear openings, circulation space and luminance contrast on doorways, door force is 20N where a door closer is fitted.
6	Visual indicators on glazing to be 50 - 75mm wide on all glazed windows and doors with a luminance contrast of 30% from when viewed against the floor surface at a height 900-1000mm.
7	The lift requires accessible features to be in accordance with E3.6b BCA (2018).
8	Determine whether hearing augmentation is required for the ground level enquiry counter, legal aid and level 1 'Briefing/ training/ conference/ critical incident room'. Confirm if there is an inbuilt amplification system.
9	Fixtures and fitting schedule, elevations and plan layout of all accessible toilets / showers to comply with AS1428.1 (2009)
10	Fixtures and fitting schedule, elevations and plan layout of ambulant cubicles to comply with AS1428.1 (2009)

On the basis of our assessment, we confirm that the Development Application plans for Taree Police Station, has the capacity to meet:

1. Performance Requirements of the Disability (Access to Premises-Buildings) Standards 2010 and Part D3, E3.6, F2.4 of the Building Code of Australia (BCA) (2018) through the deemed-to-satisfy provisions.

Statement of Qualifications

I certify that I am an appropriately qualified and competent person practising in the relevant area of work. I have recognised relevant experience in the area of work assessing disability access compliance and hold appropriately current insurance policies. (My qualifications and accreditations are listed below)

Full Name	Christine Cheung
Company	Cheung Access Pty Ltd
Address	Suite 901, 46 Market St, Sydney NSW 2000
Qualifications and Accreditations	<ol style="list-style-type: none"> 1. B. App Sc (Occupational Therapy), Masters of Environmental Studies 2. Accredited with the Association of Consultants in Access, Australia Member No. 158, Since 2003 3. Registered Occupational Therapist (Occupational Therapy Board/ AHPRA) 2017 –OCC0001901643
Signature	
Date	14 May 2018

Appendix A: Drawings reviewed for DA

Drawing No.	Title	Issue
TAR-AR-DA200	Floor Plan - Ground	A
TAR-AR-DA100	Site Plan - Proposed	A
TAR-AR-DA201	Floor Plan - Level 1	A
TAR-AR-DA202	Roof Plan	A
TAR-AR-DA210	Floor Plan - Main Entry and Rear Parking Area	A
TAR-AR-DA300	Elevations - Southeast & Northeast	A
TAR-AR-DA301	Elevations - Northwest & Southwest	A
TAR-AR-DA400	Sections - Sheet 1	A
TAR-AR-DA400	Sections - Sheet 2	A

Appendix B: BCA Part D3 - Access for People with a Disability

Below is a list of Building Code of Australia (BCA) Part D3 requirements relating to access requirements for people with a disability in Class 2 Buildings.

Clause	Requirements
D3.1 General building access requirements Class 5	To and within all areas normally used by the occupants.
D3.2 Access to buildings	<p>(a) An accessway must be provided to a building required to be accessible—</p> <ul style="list-style-type: none"> (i) from the main points of a pedestrian entry at the allotment boundary; and (ii) from another accessible building connected by a pedestrian link; and (iii) from any required accessible carparking space on the allotment. <p>(b) In a building required to be accessible, an accessway must be provided through the principal pedestrian entrance, and—</p> <ul style="list-style-type: none"> (i) through not less than 50% of all pedestrian entrances including the principal pedestrian entrance; and (ii) in a building with a total floor area more than 500 m², a pedestrian entrance which is not accessible must not be located more than 50 m from an accessible pedestrian entrance, except for pedestrian entrances serving only areas exempted by D3.4. <p>(c) Where a pedestrian entrance required to be accessible has multiple doorways—</p> <ul style="list-style-type: none"> (i) if the pedestrian entrance consists of not more than 3 doorways — not less than 1 of those doorways must be accessible; and (ii) if a pedestrian entrance consists of more than 3 doorways — not less than 50% of those doorways must be accessible. <p>(d) For the purposes of (c)—</p> <ul style="list-style-type: none"> (i) an accessible pedestrian entrance with multiple doorways is considered to be one pedestrian entrance where— <ul style="list-style-type: none"> (A) all doorways serve the same part or parts of the building; and (B) the distance between each doorway is not more than the width of the widest doorway at that

	<p>pedestrian entrance (see Figure D3.2); and</p> <p>(ii) a doorway is considered to be the clear, unobstructed opening created by the opening of one or more door leaves (see Figure D3.2).</p> <p>(e) Where a doorway on an accessway has multiple leaves, (except an automatic opening door) one of those leaves must have a clear opening width of not less than 850 mm in accordance with AS 1428.1.</p>
D3.3 Parts of building to be accessible	<p>In a building required to be accessible—</p> <p>(a) every ramp and stairway, except for ramps and stairways in areas exempted by D3.4, must comply with—</p> <p>(i) for a ramp, except a fire-isolated ramp, clause 10 of AS 1428.1; and</p> <p>(ii) for a stairway, except a fire-isolated stairway, clause 11 of AS 1428.1; and</p> <p>(iii) for a fire-isolated stairway, clause 11.1(f) and (g) of AS 1428.1; and</p> <p>(b) every passenger lift must comply with E3.6; and</p> <p>(c) accessways must have—</p> <p>(i) passing spaces complying with AS 1428.1 at maximum 20 m intervals on those parts of an accessway where a direct line of sight is not available; and</p> <p>(ii) turning spaces complying with AS 1428.1—</p> <p>(A) within 2 m of the end of accessways where it is not possible to continue travelling along the accessway; and</p> <p>(B) at maximum 20 m intervals along the accessway; and</p> <p>(d) an intersection of accessways satisfies the spatial requirements for a passing and turning space; and</p> <p>(e) a passing space may serve as a turning space; and</p> <p>(f) a ramp complying with AS 1428.1 or a passenger lift need not be provided to serve a storey or level other than the entrance storey in a Class 5, 6, 7b or 8 building—</p> <p>(i) containing not more than 3 storeys; and</p> <p>(ii) with a floor area for each storey, excluding the entrance storey, of not more than 200 m²; and</p> <p>(g) clause 7.4.1(a) of AS 1428.1 does not apply and is replaced with 'the pile height or pile thickness shall not exceed 11 mm and the carpet backing thickness shall not exceed 4 mm'; and</p>

	<p>(h) the carpet pile height or pile thickness dimension, carpet backing thickness dimension and their combined dimension shown in Figure 8 of AS 1428.1 do not apply and are replaced with 11 mm, 4 mm and 15 mm respectively.</p>
D3.4 Exemptions	<p>The following areas are not required to be accessible:</p> <ul style="list-style-type: none"> (a) An area where access would be inappropriate because of the particular purpose for which the area is used. (b) An area that would pose a health or safety risk for people with a disability. (c) Any path of travel providing access only to an area exempted by (a) or (b).
D3.5 Car parking spaces for people with a disability	<p>Accessible carparking spaces—</p> <ul style="list-style-type: none"> (a) subject to (b), must be provided in accordance with Table D3.5 in— <ul style="list-style-type: none"> (i) a Class 7a building required to be accessible; and (ii) a carparking area on the same allotment as a building required to be accessible; and (b) need not be provided in a Class 7a building or a carparking area where a parking service is provided and direct access to any of the carparking spaces is not available to the public; and (c) subject to (d), must comply with AS/NZS 2890.6; and (d) need not be designated where there is a total of not more than 5 carparking spaces, so as to restrict the use of the carparking space only for people with a disability. <p>1 space for every 100 carparking spaces or part thereof.</p>
D3.6 Signage	<p>In a building required to be accessible—</p> <ul style="list-style-type: none"> (a) braille and tactile signage complying with Specification D3.6 must— <ul style="list-style-type: none"> (i) incorporate the international symbol of access or deafness, as appropriate, in accordance with AS 1428.1 and identify each— <ul style="list-style-type: none"> (A) sanitary facility, except a sanitary facility within a sole-occupancy unit in a Class 1b or Class 3 building; and (B) space with a hearing augmentation system; and (ii) identify each door required by E4.5 to be provided with an exit sign and state—

	<ul style="list-style-type: none"> (A) "Exit"; and (B) "Level" ; and either <ul style="list-style-type: none"> (aa) the floor level number; or (bb) a floor level descriptor; or (cc) a combination of (aa) and (bb); and (b) signage including the international symbol for deafness in accordance with AS 1428.1 must be provided within a room containing a hearing augmentation system identifying — <ul style="list-style-type: none"> (i) the type of hearing augmentation; and (ii) the area covered within the room; and (iii) if receivers are being used and where the receivers can be obtained; and (c) signage in accordance with AS 1428.1 must be provided for accessible unisex sanitary facilities to identify if the facility is suitable for left or right handed use; and (d) signage to identify an ambulant accessible sanitary facility in accordance with AS 1428.1 must be located on the door of the facility; and (e) where a pedestrian entrance is not accessible, directional signage incorporating the international symbol of access, in accordance with AS 1428.1 must be provided to direct a person to the location of the nearest accessible pedestrian entrance; and (f) where a bank of sanitary facilities is not provided with an accessible unisex sanitary facility, directional signage incorporating the international symbol of access in accordance with AS 1428.1 must be placed at the location of the sanitary facilities that are not accessible, to direct a person to the location of the nearest accessible unisex sanitary facility.
D3.7 Hearing augmentation	<ul style="list-style-type: none"> (a) A hearing augmentation system must be provided where an inbuilt amplification system, other than one used only for emergency warning, is installed— <ul style="list-style-type: none"> (i) in a room in a Class 9b building; or (ii) in an auditorium, conference room, meeting room or room for judicatory purposes; or (iii) at any ticket office, teller's booth, reception area or the like, where the public is screened from the service provider. (b) If a hearing augmentation system required by (a) is— <ul style="list-style-type: none"> (i) an induction loop, it must be provided to not less than 80% of the floor area of the room or space served by

	<p>the inbuilt amplification system; or</p> <p>(ii) a system requiring the use of receivers or the like, it must be available to not less than 95% of the floor area of the room or space served by the inbuilt amplification system, and the number of receivers provided must not be less than —</p> <p>(A) if the room or space accommodates up to 500 persons, 1 receiver for every 25 persons or part thereof, or 2 receivers, whichever is the greater; and</p> <p>(B) if the room or space accommodates more than 500 persons but not more than 1000 persons, 20 receivers plus 1 receiver for every 33 persons or part thereof in excess of 500 persons; and</p> <p>(C) if the room or space accommodates more than 1000 persons but not more than 2000 persons, 35 receivers plus 1 receiver for every 50 persons or part thereof in excess of 1000 persons; and</p> <p>(D) if the room or space accommodates more than 2000 persons, 55 receivers plus 1 receiver for every 100 persons or part thereof in excess of 2000 persons.</p> <p>(c) The number of persons accommodated in the room or space served by an inbuilt amplification system must be calculated according to D1.13.</p> <p>(d) Any screen or scoreboard associated with a Class 9b building and capable of displaying public announcements must be capable of supplementing any public address system, other than a public address system used for emergency warning purposes only.</p>
D3.8 Tactile indicators	<p>(a) For a building required to be accessible, tactile ground surface indicators must be provided to warn people who are blind or have a vision impairment that they are approaching—</p> <p>(i) a stairway, other than a fire-isolated stairway; and</p> <p>(ii) an escalator; and</p> <p>(iii) a passenger conveyor or moving walk; and</p> <p>(iv) a ramp other than a fire-isolated ramp, step ramp, kerb ramp or swimming pool ramp; and</p> <p>(v) in the absence of a suitable barrier—</p> <p>(A) an overhead obstruction less than 2 m above floor level, other than a doorway; and</p> <p>(B) an accessway meeting a vehicular way adjacent to any pedestrian entrance to a building, excluding a</p>

	<p>pedestrian entrance serving an area referred to in D3.4, if there is no kerb or kerb ramp at that point, except for areas exempted by D3.4.</p> <p>(b) Tactile ground surface indicators required by (a) must comply with sections 1 and 2 of AS/NZS 1428.4.1.</p> <p>(c) A hostel for the aged, nursing home for the aged, a residential aged care building Class 3 accommodation for the aged, Class 9a health-care building or a Class 9c building need not comply with (a)(i) and (iv) if handrails incorporating a raised dome button in accordance with the requirements for stairway handrails in AS 1428.1 are provided to warn people who are blind or have a vision impairment that they are approaching a stairway or ramp.</p>
D3.11 Ramps	<p>On an accessway—</p> <p>(a) a series of connected ramps must not have a combined vertical rise of more than 3.6 m; and</p> <p>(b) a landing for a step ramp must not overlap a landing for another step ramp or ramp.</p>
D3.12 Glazing on an accessway	<p>On an accessway, where there is no chair rail, handrail or transom, all frameless or fully glazed doors, sidelights and any glazing capable of being mistaken for a doorway or opening must be clearly marked in accordance with AS1428.1.</p>
E3.6 Passenger lifts	<p>In an accessible building, every passenger lift must—</p> <p>(a) be one of the types identified in Table E3.6a, subject to the limitations on use specified in the Table; and</p> <p>(b) have accessible features in accordance with Table E3.6b; and</p> <p>(c) not rely on a constant pressure device for its operation if the lift car is fully enclosed.</p>
F2.4 Accessible sanitary facilities	<p>In a building required to be accessible—</p> <p><i>SA F2.4(a)</i></p> <p>(a) accessible unisex sanitary compartments must be provided in accessible parts of the building in accordance with Table F2.4(a); and</p> <p><i>SA F2.4(b)</i></p> <p>(b) accessible unisex showers must be provided in accordance with Table F2.4(b); and</p> <p>(c) at each bank of toilets where there is one or more toilets in addition to an accessible unisex sanitary compartment at</p>

	<p>that bank of toilets, a sanitary compartment suitable for a person with an ambulant disability in accordance with AS 1428.1 must be provided for use by males and females; and</p> <p>(d) an accessible unisex sanitary compartment must contain a closet pan, washbasin, shelf or bench top and adequate means of disposal of sanitary towels; and</p> <p>(e) the circulation spaces, fixtures and fittings of all accessible sanitary facilities provided in accordance with Table F2.4(a) and Table F2.4(b) must comply with the requirements of AS 1428.1; and</p> <p>(f) an accessible unisex sanitary facility must be located so that it can be entered without crossing an area reserved for one sex only; and</p> <p>(g) where two or more of each type of accessible unisex sanitary facility are provided, the number of left and right handed mirror image facilities must be provided as evenly as possible; and</p> <p>(h) where male sanitary facilities are provided at a separate location to female sanitary facilities, accessible unisex sanitary facilities are only required at one of those locations; and</p> <p>(i) an accessible unisex sanitary compartment or an accessible unisex shower need not be provided on a storey or level that is not required by D3.3(f) to be provided with a passenger lift or ramp complying with AS 1428.1.</p>
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